# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S1 | 9 | 375/295.ccls. and (phase adj rotator) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 15:56 |
| S2 | 1 | 10/573817 | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 16:00 |
| S3 | 760 | interleav$7 with i with q | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 16:00 |
| S4 | 67 | interleav$7 near i near q | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 16:01 |
| S5 | 3 | S4 and rotator | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 16:02 |
| S6 | 10 | S4 and (phase near rotat$5) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 16:05 |
| S7 | 67 | interleav$7 near i near q | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 23:00 |
| S8 | 12 | S7 and (phase with rotat$5) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 23:00 |
| S9 | 525 | "375"/$.ccls. and (phase adj rotator) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 23:01 |
| S10 | 14 | "375"/$.ccls. and ((phase adj rotator) same interleav$7) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 23:02 |
| S11 | 9 | "375"/295.ccls. and (phase adj rotator) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 23:05 |
| S12 | 9 | (phase adj rotator) and interleavers | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 23:06 |
| S13 | 350 | "375"/260.ccls. and (phase near rotat $6) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 23:09 |

| S14 | 144 | "375"/260.ccls. and (phase near rotat $6) and (interleav $6) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 23:09 |
|-----|-----|-------|-------|-----|-----|-------|
| S15 | 23 | "375"/260.ccls. and (phase near rotat $6) and (interleav $6 with I with Q) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/15 23:09 |
| S16 | 48 | 375/260.ccls. and (phase adj rotator) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:14 |
| S17 | 1 | 375/260.ccls. and ((phase with rotat $7) same interleavers) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:20 |
| S18 | 2 | "375"/$.ccls. and ((phase with rotat $7) same interleavers) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:21 |
| S19 | 81 | "375"/$.ccls. and ((phase with rotat $7) and interleavers) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:22 |
| S20 | 45 | "375"/$.ccls. and ((phase near2 rotat $7) and interleavers) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:22 |
| S21 | 954 | "375"/$.ccls. and (interleav$7 with (I Q)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:32 |
| S22 | 15 | "375"/$.ccls. and (rotat$7 same (interleav$7 with (I Q))) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:33 |
| S23 | 92 | (rotat$7 same (interleav$7 with (I Q))) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:41 |
| S24 | 5 | (constellation with rotat$7) same (interleav$7 with (I Q)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:43 |
| S25 | 55 | (constellation with rotat$7) and (interleav$7 with (I Q)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:44 |
| S26 | 3 | 375/260.ccls. and (interleav$5 near2 I near2 Q) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:54 |

| S27 | 42 | 375/260.ccls. and (interleav$5 with I with Q) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:55 |
|-----|-----|-----|-----|-----|-----|-----|
| S28 | 3 | 375/260.ccls. and (interleavers same (I with Q)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:56 |
| S29 | 1 | 375/267.ccls. and (interleavers same (I with Q)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:57 |
| S30 | 0 | 375/299.ccls. and (interleavers same (I with Q)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:57 |
| S31 | 50 | (interleavers same (I with Q)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 08:57 |
| S32 | 1 | (interleavers near2 (I adj component)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:00 |
| S33 | 5 | (interleav$7 near2 (I adj component)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:00 |
| S34 | 0 | 375/260.ccls. and (interleav$7 near2 (I adj component)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:01 |
| S35 | 0 | 375/260.ccls. and (interleav$7 near (I adj component)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:02 |
| S36 | 0 | "375"/$.ccls. and (interleav$7 near (I adj component)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:02 |
| S37 | 8 | "375"/$.ccls. and (interleav$7 with (I adj component)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:02 |
| S38 | 2 | "375"/$.ccls. and (interleaver with (I adj component)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:07 |
| S39 | 3 | "370"/$.ccls. and (interleaver with (I adj component)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:08 |
| S40 | 54 | "370"/$.ccls. and (interleaver with (I with q)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:10 |
| S41 | 1 | 10/573817 | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:27 |

| S42 | 62 | cascade$5 near2 interleavers | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:29 |
|-----|-----|------|------|-----|-----|------|
| S43 | 36 | cascade$5 near interleavers | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:29 |
| S44 | 0 | (cascade$5 near interleavers) same (i with Q with separat$7) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:29 |
| S45 | 0 | (cascade$5 with interleavers) same (i with Q with separat$7) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:30 |
| S46 | 9 | (interleavers) same (i with Q with separat$7) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:32 |
| S47 | 1 | "5923711".pn. | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 09:41 |
| S48 | 0 | 375/260.ccls. and (interleavers with (I with Q) with times) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 10:01 |
| S49 | 0 | "375"/$.ccls. and (interleavers with (I with Q) with times) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 10:01 |
| S50 | 0 | "375"/$.ccls. and ((interleavers with (I with Q)) same (number adj times)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 10:02 |
| S51 | 2 | "375"/$.ccls. and (interleavers with (number adj times)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 10:02 |
| S52 | 8 | "714"/$.ccls. and (interleavers with (number adj times)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 10:03 |
| S53 | 71 | "714"/$.ccls. and (interleav$7 with (number adj times)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 10:04 |
| S54 | 6992 | "714"/$.ccls. and (interleav$7) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 10:58 |
| S55 | 1 | 375/260.ccls. and (LLR near combin $7) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 11:13 |

| S56 | 6 | 375/260.ccls. and (LLR with combin $7) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 11:14 |
| S57 | 1 | 11/194107 | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 11:16 |
| S58 | 1 | 11/194107 | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 13:29 |
| S59 | 1 | "5363414".pn. | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/16 13:38 |
| S60 | 46337 | "375"/$.ccls. and (LLR wit bits) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/17 08:50 |
| S61 | 21 | "375"/260.ccls. and (LLR with bits) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/12/17 08:50 |
| S62 | 1 | 10/573817 | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2009/03/26 10:28 |
| S63 | 1 | "7062295".pn. | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2009/03/26 10:35 |
| S64 | 1 | 10/573817 | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2009/03/29 15:35 |
| S65 | 4 | rotator same (dual with interleav$7) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2009/03/29 15:48 |
| S66 | 3 | rotator same (cascad$7 with interleav$7) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2009/03/29 15:49 |
| S67 | 201 | rotator same (interleav$7) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2009/03/29 15:49 |
| S68 | 17 | rotator same (interleavers) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2009/03/29 15:49 |

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